Bes. 7..... 075EB 300

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24738

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04R 25/00 US CL : 381/426, 428; 181/169; 264/28. According to International Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 381/423, 426, 428; 181/163, 167, 169-170; 264/28, 50, 109, 115, 320.				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) East				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap	appropriate, of the relevant passages Relevant to	claim No.	
Y	US 5,206,466 A (INAMIYA) 27 April 1993 (27.04.	4.1993), col. 3, line 4 to col. 6, line 24.	4	
Y	US 6,379,594 B1 (DOPFNER et al.) 30 April 2002 5, line 62.	22 (30.04.2002), col. 2, line 42 to col.	4	
Y	US2002/0102896 A1 (PARK) 01 August 2002 (01.08.2002), 0025-0039.			
	No. 1 in the profession of Pow C	See notest family arms		
	documents are listed in the continuation of Box C.	See patent family annex. The later document published after the international filing	deta ==	
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to. 		priority date and not in conflict with the application b understand the principle or theory underlying the inve	ut cited to	
·	ticular relevance uplication or patent published on or after the international filing	"X" document of particular relevance; the claimed invention considered novel or cannot be considered to involve a step when the document is taken alone	n cannot be n inventive	
"L" documen to establi (as speci	t which may throw doubts on priority claim(s) or which is cited ish the publication date of another citation or other special reason fied)	"Y" document of particular relevance; the claimed invention considered to involve an inventive step when the documents on bind with one or more other such documents, such combination being obvious to a person skilled in the	ment is ch	
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the		"&" document member of the same patent family	,	
nriority .	disconnection of the international search	Date of mailing of the international search report		
	r 2003 (05.12.2003)	27/JAN 2004 1		
	ailing address of the ISA/US	Authorized officer Jew July		
Ma	il Stop PCT, Attn: ISA/US	Suhan Ni		
Commissioner for Patents P.O. Box 1450		,		
Alexandria, Virginia 22313-1450		Telephone No. 703-305-3900		



Box No. VII (IV) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America)
The declaration must conform to the fallowing standardized wording provided for in Socion 214: zee Notes to Boxes Nos. VIII, VIII (I) to (v)
(In general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this shoet should not be included in the request.

Declaration of inventorable (Rules 4.17(iv) and 511/8.1(a)(iv)) for the purposes of the designation of the United States of America:

for the purposes of the designation of the United States of America:				
I hereby declare that I believe I am the original, first and sole (if only one inventor is fixed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.				
This declaration is directed to the international application of which it forms a part (if fling declaration with application).				
This declaration is directed to international application No. PCT/				
I berroy declare that my residence, recailing address, and citizenship are as stated next to my name.				
I hereby state that I have reviewed and understand the contents of the above-identified international application, including the status of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, munth and you of filling, any application for a patern or inventor's conficute filed in a country other than the United States of America. States of America, including my PCT in ternational application designating at least one country other than the United States of America.				
having a filing date before that of the application on which foreign priority is examined. Prior Applications: . 80/401,508.filed 07.08.2002 (07. August 2002)				
I hereby soknowledge the duly to disclose information that is known by ms to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filling date of the prior application and the PCT in termstional filling date of the continuation-in-part application.				
Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information and obtain one believed to be true; and further that these statements were made with the knowledge that will ful false statements and the like so are believed to be true; and further that these statements were made with the knowledge that will ful full of the like so are purishable by fine or imprisorment, or both, under Section 1001 of Title 18 of the United Status Code and that such will ful false statements may jeopardize the validity of the application or any patent issued thereon.				
Name, HARRISON, JOHN				
Residence: San Rafael, California (city and either US state, if applicable, or country)				
(city and either US state, is approache, or equally) Mailing Address:				
San Rufael, CA 94903				
Cluzenship: US				
Inventor's Signature:	Date: 07.08.2003 (07 AUGUST 2003) (of signature which is not cornished in the request, or of the declaration that is conceited or added under Rule 2012 after the filing of the international application)			
Name:				
Residence:				
Mailing Address: Mailing Address:				
Cirlzonship!				
Inventor's Signature: (if not contained in the request, of if declaration is corrected or added under Rule 26/er ofter the filing of the international application. The signature results that of the inventor, not that of the agent)	Oses: (of signature which is not contained in the request, or of the declaration that is corrected or added under Rulo 26tor after the filing of the international application)			
This declaration is continued on the following sheet, "Candinuction of Bax No. VIII (iv)".				